

# understanding estuaries

through the use of  
data



## A Professional Learning Opportunity

**August 1-5, 2015**

This 5-day residential program based out of Chesapeake Bay Foundation's Karen Noonan Center, is designed to provide teachers with the resources, knowledge and experience necessary to facilitate the integration of estuaries and their related issues into the classroom. The program accomplishes this through hands-on field-based investigations facilitated by educators from schools, CBF, DNR and NOAA, carried out in the diverse environments of the Delmarva Peninsula.

Teachers will have the opportunity to plan and conduct authentic investigations on land use, water quality, biotic communities and other parameters, analyze the data, and ultimately use this information to develop action projects that will have a positive impact on the natural systems of the Chesapeake Bay.

This program will help Middle and High school teachers increase their ability to:

- Connect NGSS and Meaningful Watershed Education Experiences (MWEE)
- Utilize Estuaries 101, Chesapeake Exploration, and associated curricula and resources
- Access tools and curricula to support STEM programming
- Design and Implement authentic student-driven investigations
- Develop action projects to manage and address the results of investigations

Tuition: \$0 (Costs will be covered by the Partnership)

Materials Fee: \$50

MSDE Credits: 3

Optional 3 Graduate Credits (for an additional fee of \$300)

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This program is supported by a partnership between: NOAA - Chesapeake Bay Office, Maryland DNR, CBF and CBNERR-MD

### TO REGISTER:

Visit: <http://cbf.org/join-us/education-program/professional-development/summer-courses>

and click on the  
August Tab

You can register online or by mail



Chesapeake Bay Foundation's  
Karen Noonan Center